

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098060.D
 Acq On : 28 Aug 2017 11:17
 Operator : SJ/JU
 Sample : PB101824BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101824BL

Quant Time: Aug 28 13:46:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

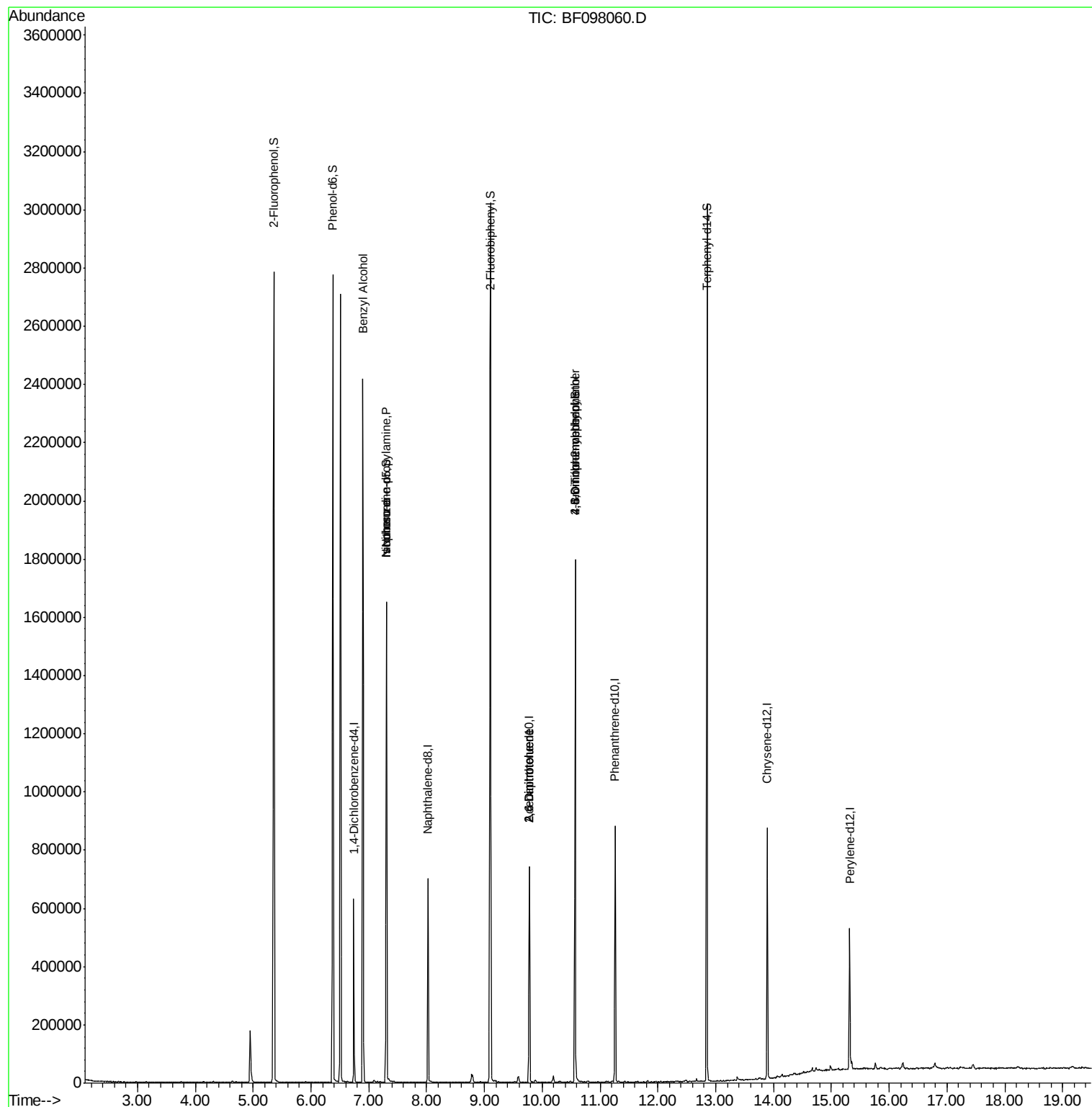
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	83714	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	345088	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	155132	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	316368	20.00	ng	0.00
75) Chrysene-d12	13.89	240	286178	20.00	ng	0.00
86) Perylene-d12	15.32	264	209259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	832254	151.22	ng	0.00
7) Phenol-d6	6.38	99	1108840	148.28	ng	0.00
23) Nitrobenzene-d5	7.30	82	687621	108.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	207704	154.31	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1020010	96.60	ng	0.00
78) Terphenyl-d14	12.85	244	955138	69.60	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.90	79	11632	2.078	ng	# 30
19) n-Nitroso-di-n-propylamine	7.30	70	92933	18.155	ng	# 72
25) Isophorone	7.30	82	681211	51.573	ng	# 67
50) 2,6-Dinitrotoluene	9.77	165	20034	8.851	ng	# 33
56) 2,4-Dinitrotoluene	9.77	165	20034	7.053	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	380	8.531	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	13564	4.129	ng	# 1

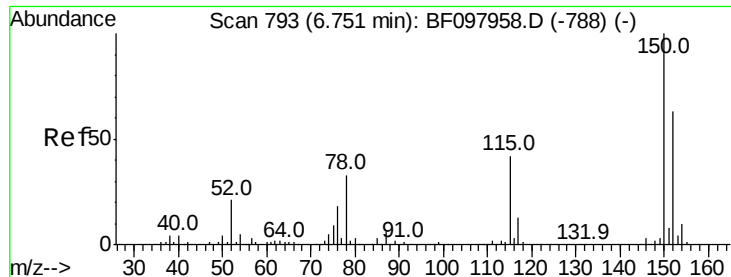
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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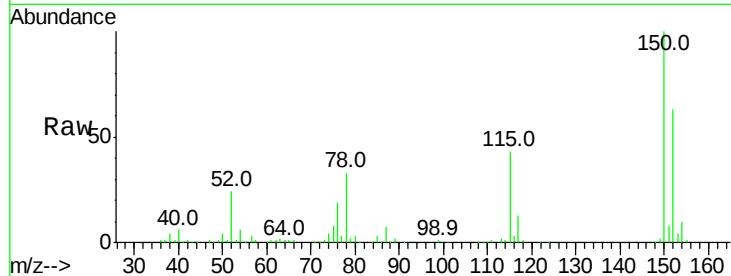


#1

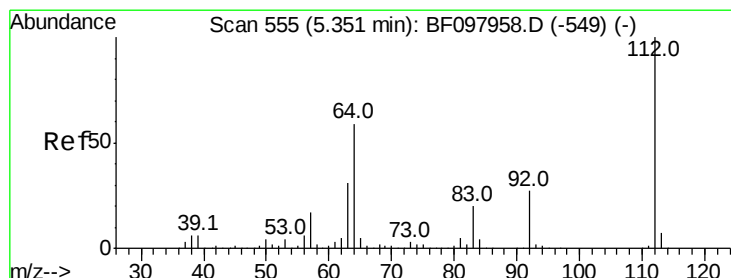
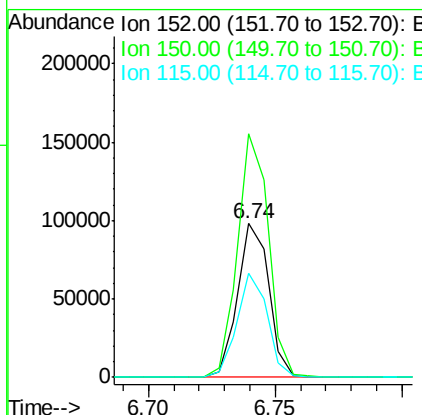
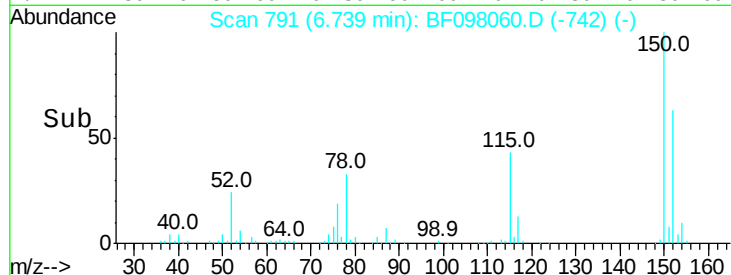
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098060.D
 Acq: 28 Aug 2017 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB101824BL

Tot Ion:152 Resp: 83714
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.2 189.2
 115 68.0 52.2 78.2



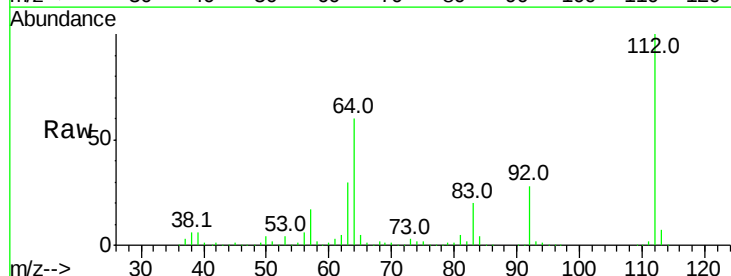
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



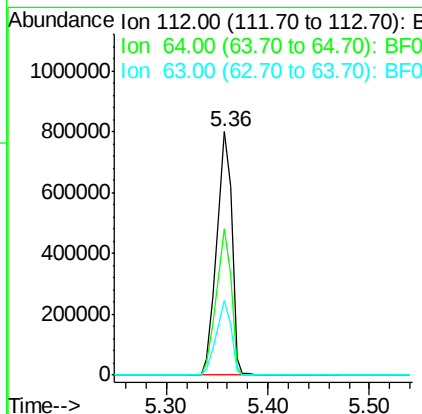
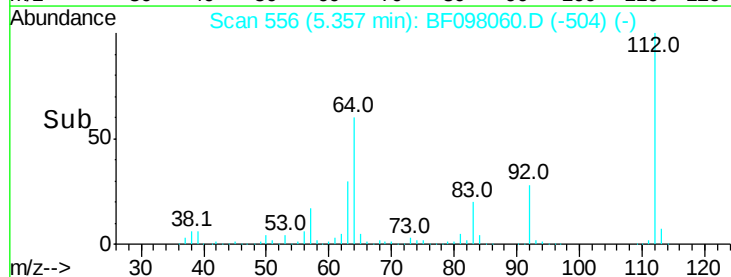
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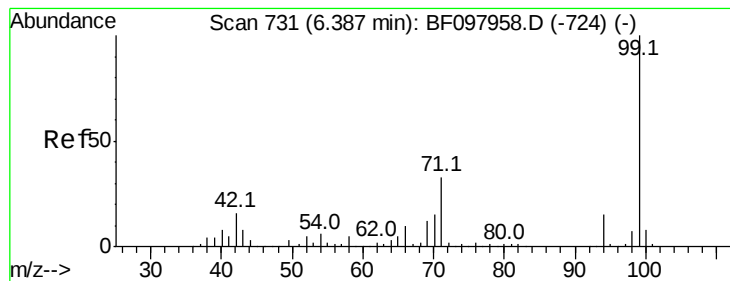
2-Fluorophenol
 Concen: 151.220 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF098060.D
 Acq: 28 Aug 2017 11:17

Tgt Ion:112 Resp: 832254
 Ion Ratio Lower Upper
 112 100
 64 60.1 46.0 69.0
 63 30.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 148.284 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098060.D

Acq: 28 Aug 2017 11:17

Instrument :

BNA_F

ClientSampleId :

PB101824BL

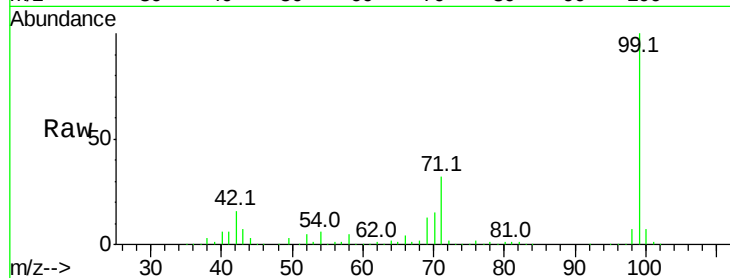
Tot Ion: 99 Resp: 1108840

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

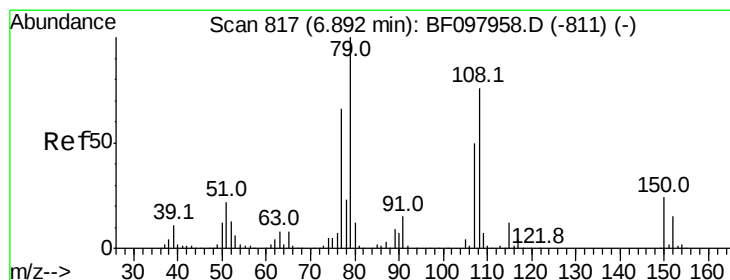
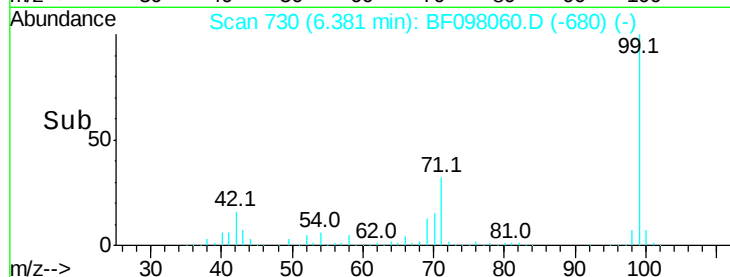
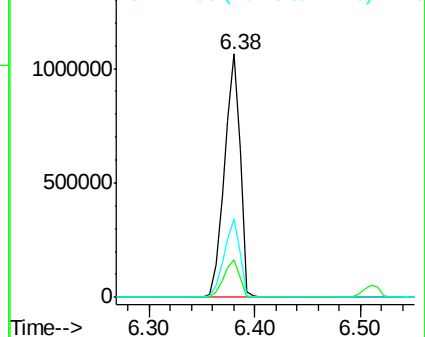
71 32.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.078 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF098060.D

Acq: 28 Aug 2017 11:17

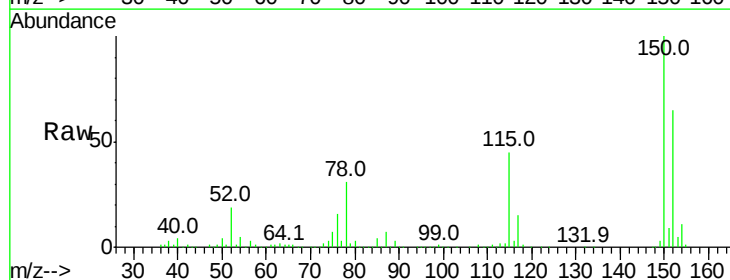
Tgt Ion: 79 Resp: 11632

Ion Ratio Lower Upper

79 100

108 30.1 63.4 95.0#

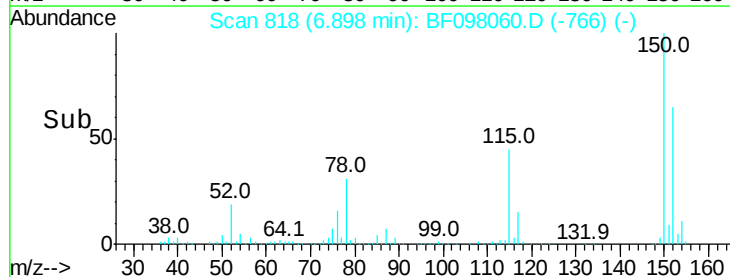
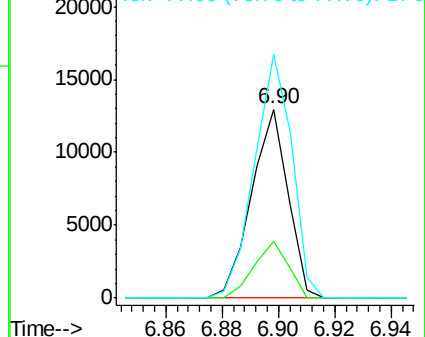
77 128.8 49.2 73.8#

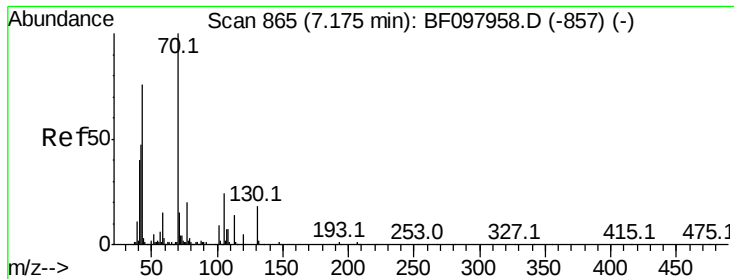


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BF0

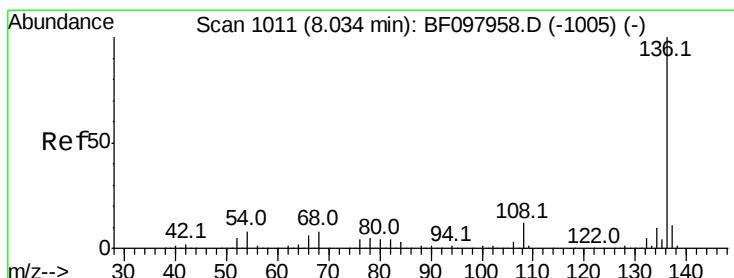
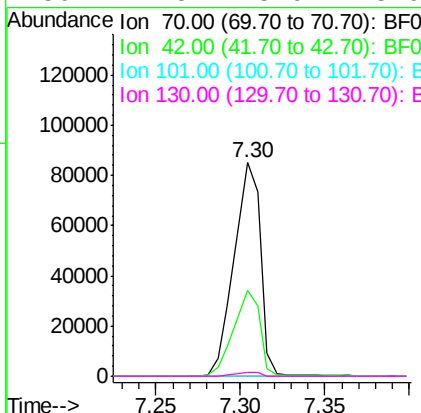
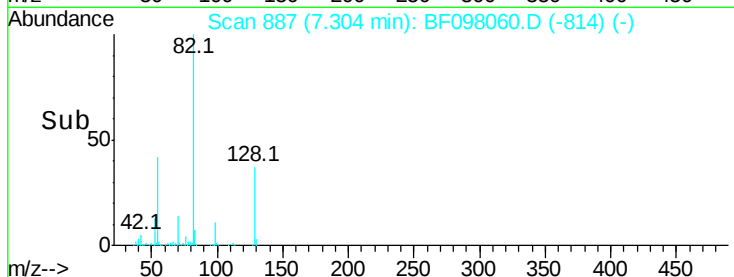
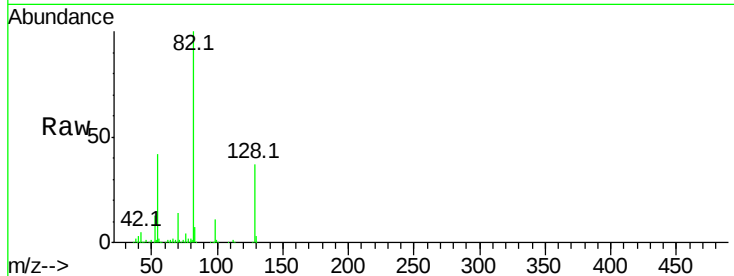




#19
n-Nitroso-di-n-propylamine
Concen: 18.155 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098060.D
Acq: 28 Aug 2017 11:17

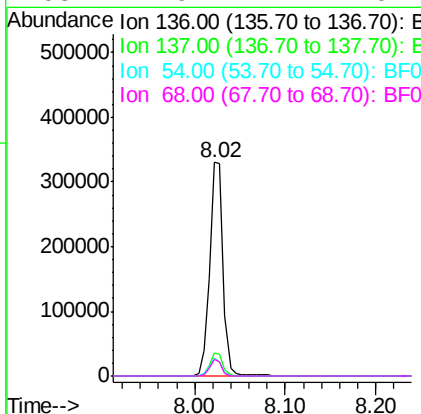
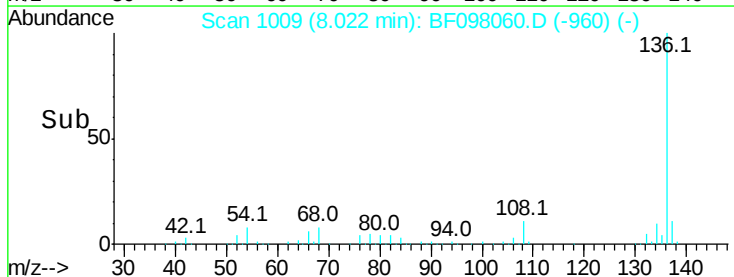
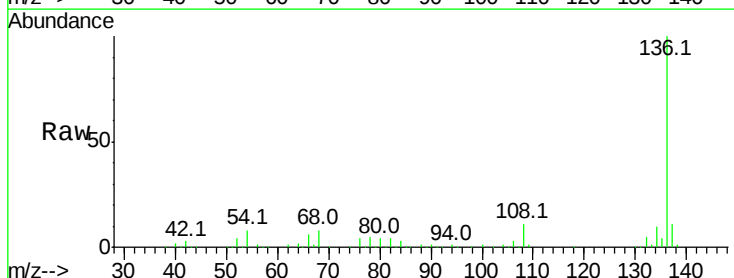
Instrument :
BNA_F
ClientSampleId :
PB101824BL

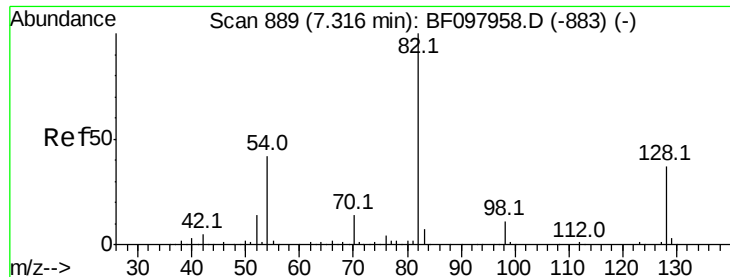
Tot Ion: 70 Resp: 92933
Ion Ratio Lower Upper
70 100
42 40.0 47.2 70.8#
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098060.D
Acq: 28 Aug 2017 11:17

Tgt Ion: 136 Resp: 345088
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 8.2 4.9 7.3#
68 7.6 4.1 6.1#

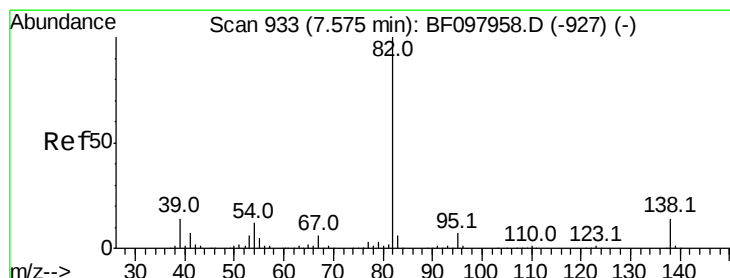
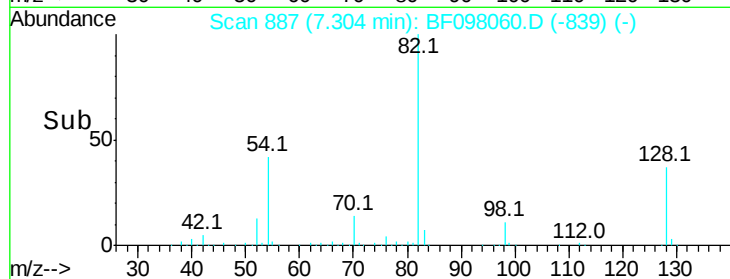
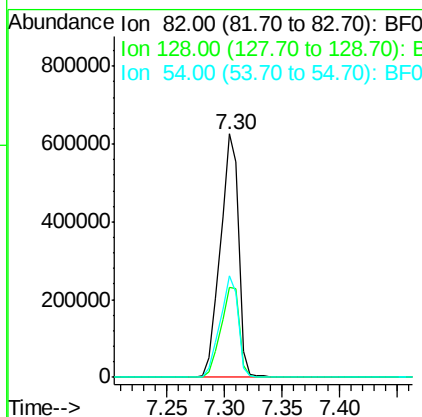
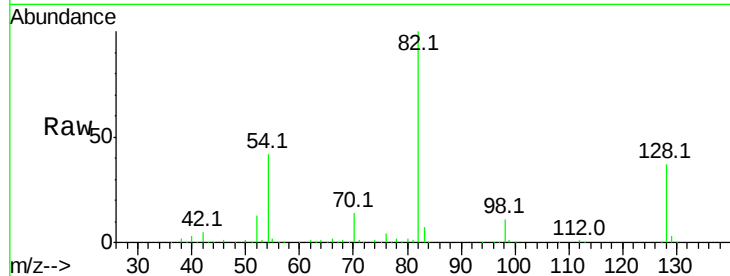




#23
 Nitrobenzene-d5
 Concen: 108.247 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098060.D
 Acq: 28 Aug 2017 11:17

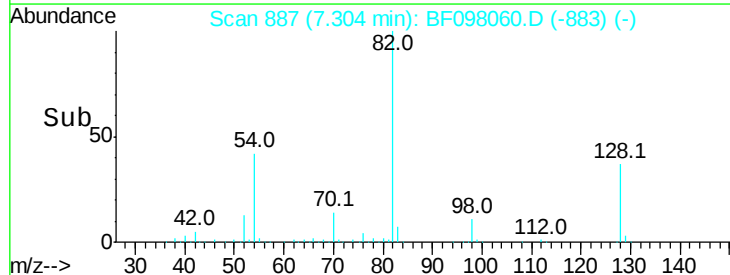
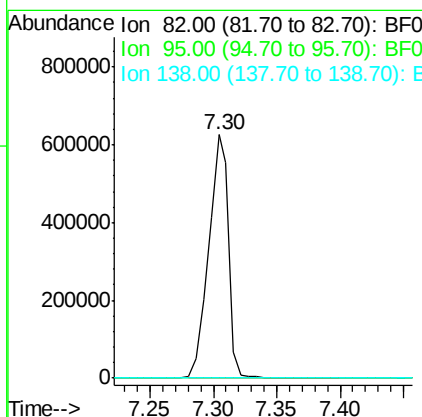
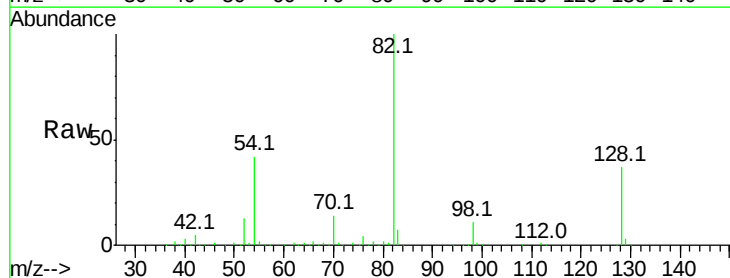
Instrument :
 BNA_F
 ClientSampleId :
 PB101824BL

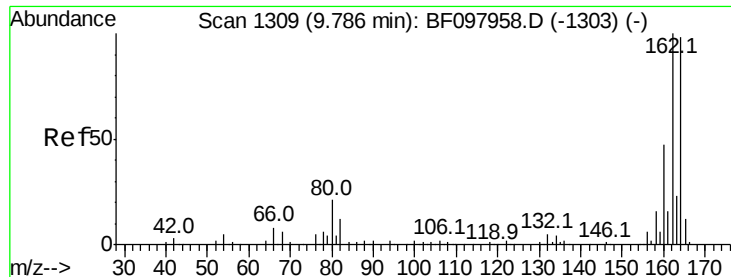
Tot Ion	82	Resp	687621
Ion Ratio	Lower	Upper	
82	100		
128	37.1	34.0	51.0
54	41.9	42.2	63.2#



#25
 Isophorone
 Concen: 51.573 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.28 min
 Lab File: BF098060.D
 Acq: 28 Aug 2017 11:17

Tgt Ion	82	Resp	681211
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

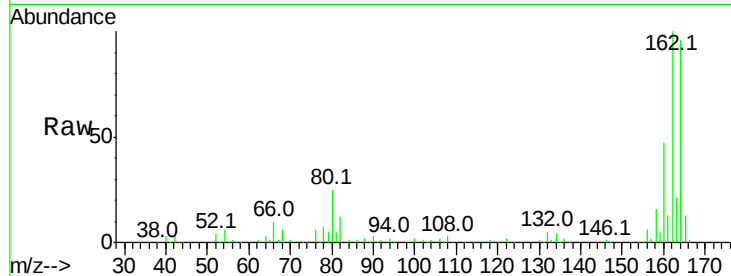




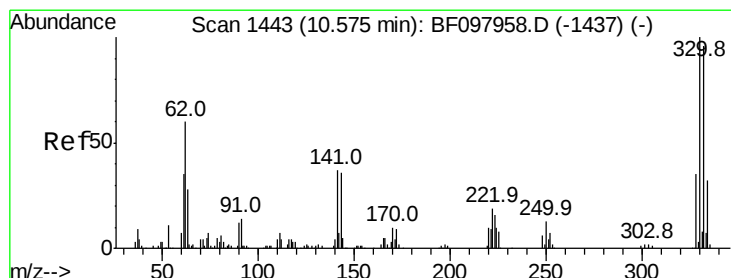
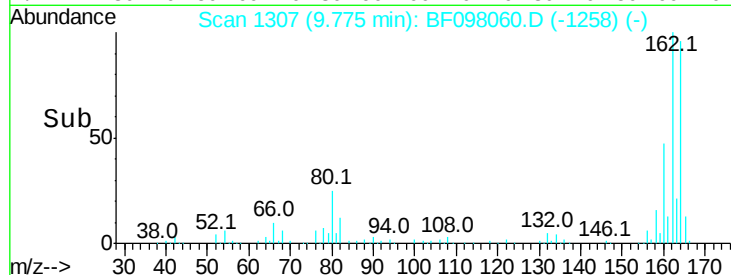
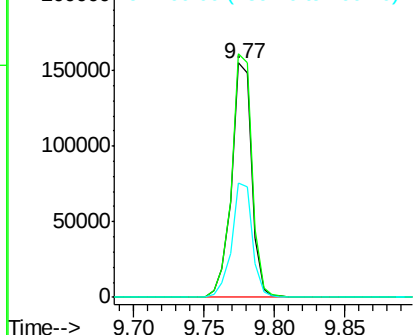
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098060.D
 Acq: 28 Aug 2017 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB101824BL

Tot Ion:164 Resp: 155132
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 48.7 36.2 54.2

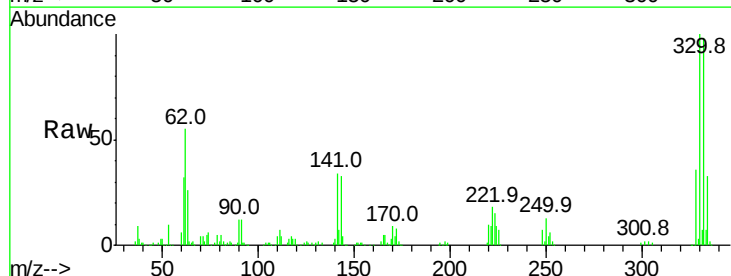


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

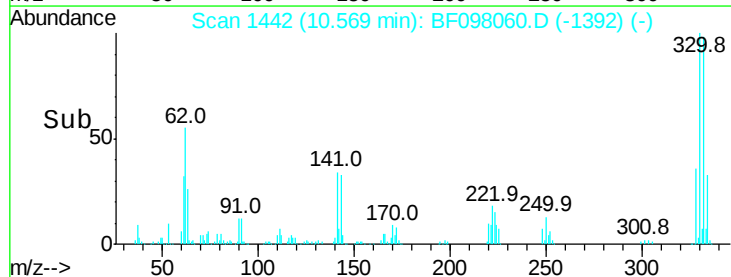
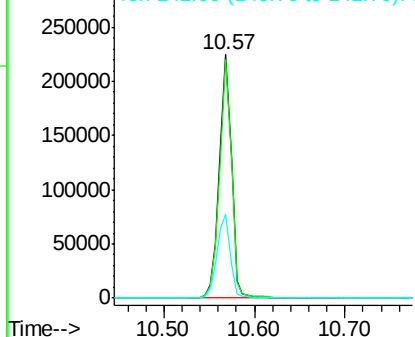


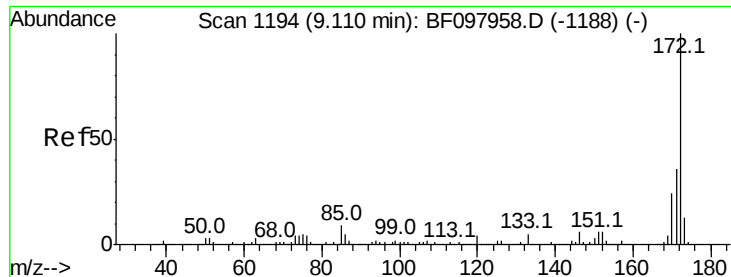
#41
 2,4,6-Tribromophenol
 Concen: 154.309 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098060.D
 Acq: 28 Aug 2017 11:17

Tgt Ion:330 Resp: 207704
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 37.8 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



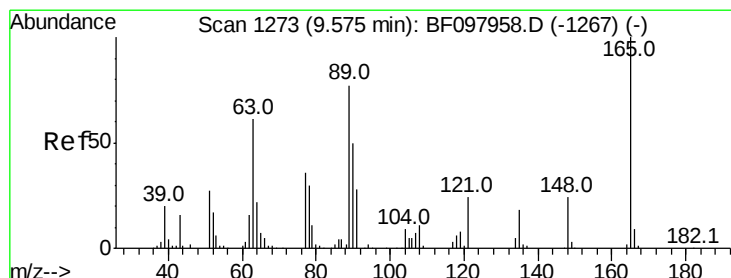
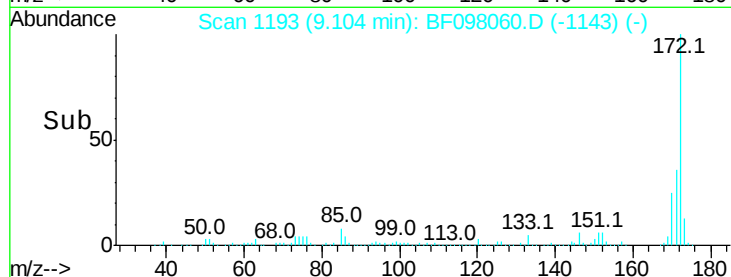
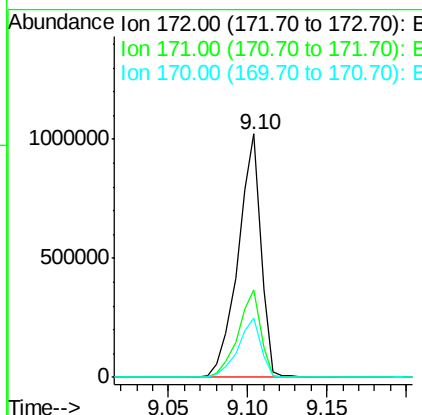
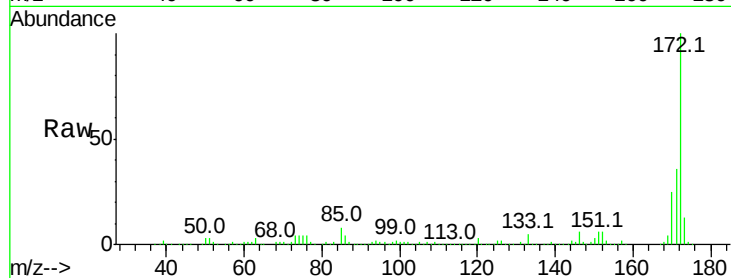


#44
 2-Fluorobiphenyl
 Concen: 96.602 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098060.D
 Acq: 28 Aug 2017 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB101824BL

Tot Ion:172 Resp: 1020010

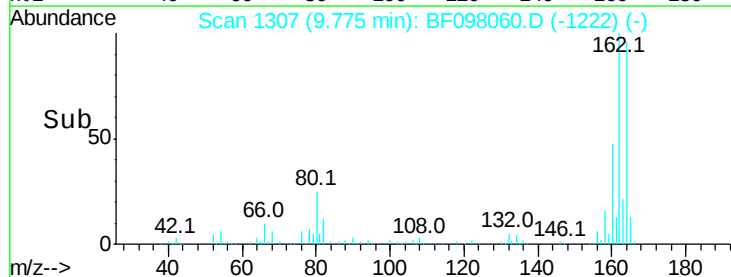
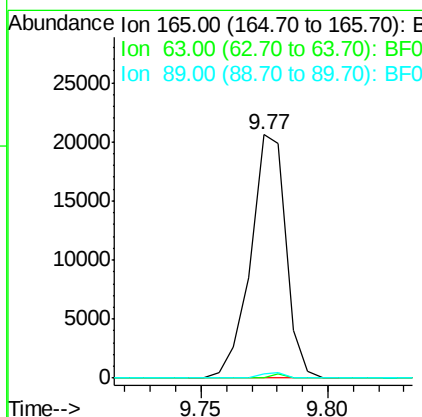
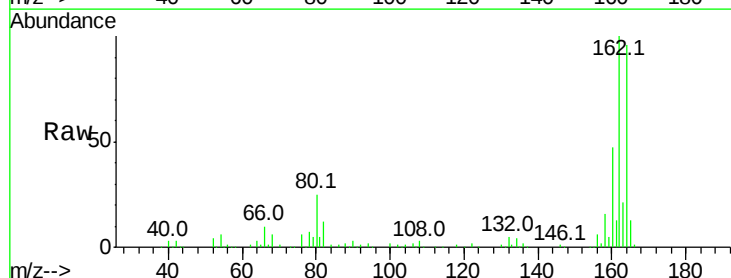
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.6	19.8	29.8

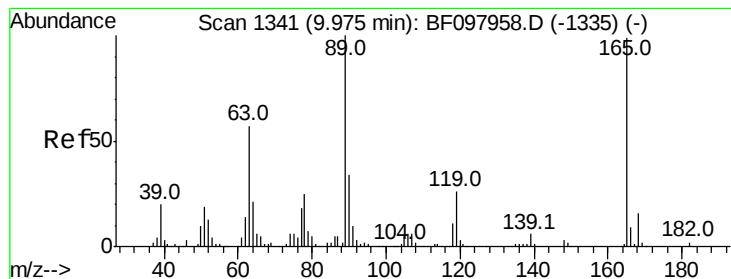


#50
 2,6-Dinitrotoluene
 Concen: 8.851 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.20 min
 Lab File: BF098060.D
 Acq: 28 Aug 2017 11:17

Tgt Ion:165 Resp: 20034

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	2.0	37.1	55.7#





#56

2,4-Dinitrotoluene

Concen: 7.053 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.20 min

Lab File: BF098060.D

Acq: 28 Aug 2017 11:17

Instrument :

BNA_F

ClientSampleId :

PB101824BL

Tot Ion:165 Resp: 20034

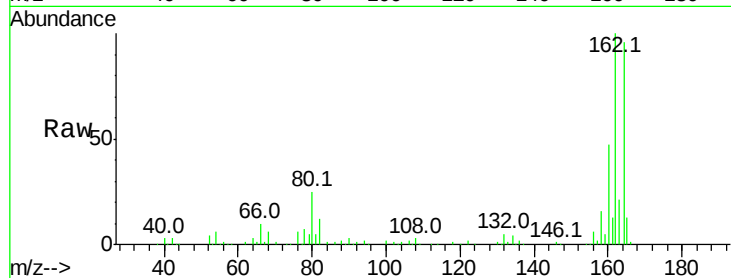
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 2.0 46.4 69.6#

182 0.0 1.8 2.6#

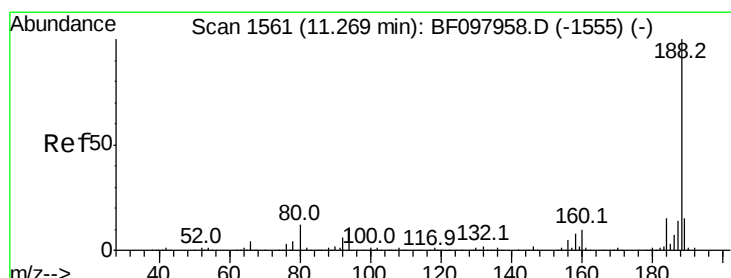
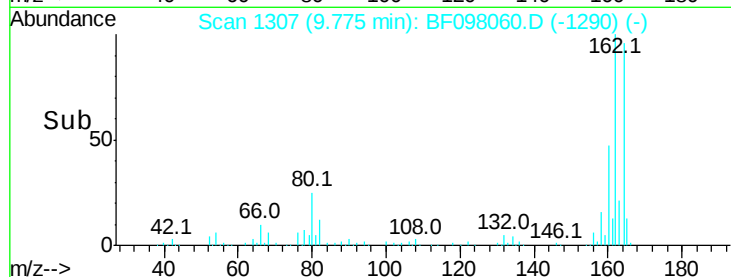
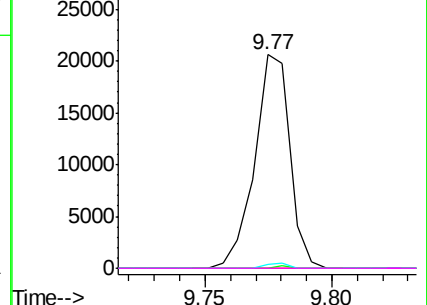


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF098060.D

Acq: 28 Aug 2017 11:17

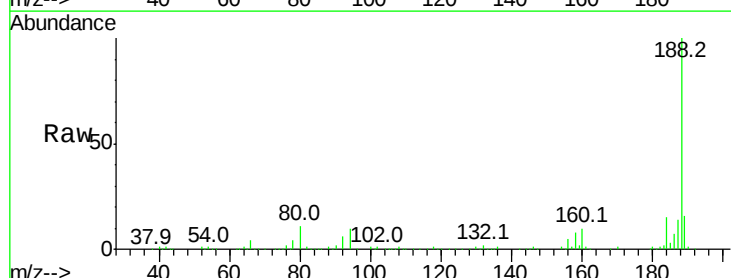
Tgt Ion:188 Resp: 316368

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

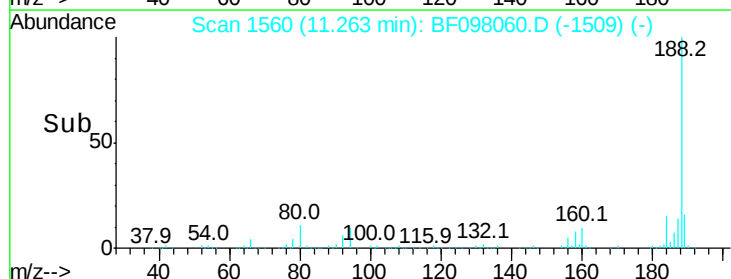
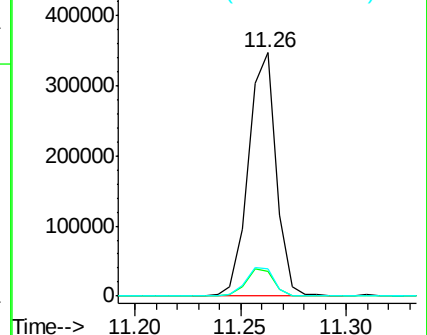
80 11.0 10.2 15.2

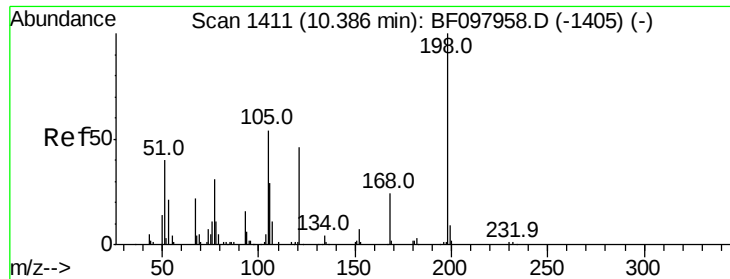


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

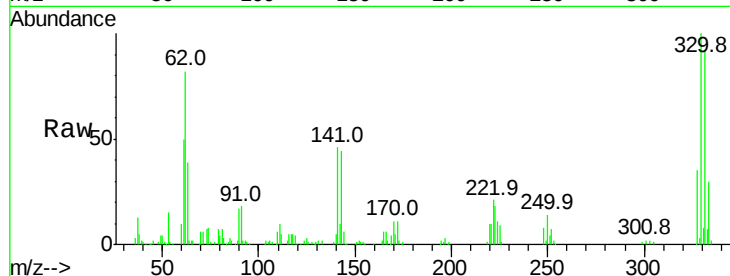




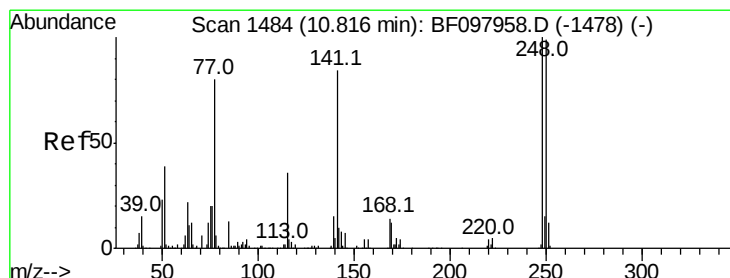
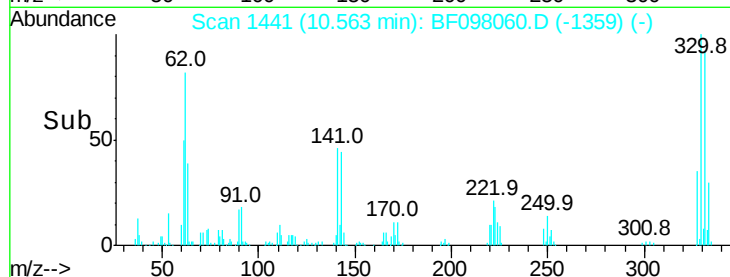
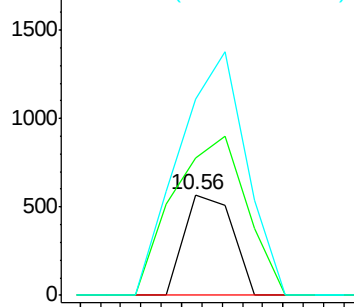
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.531 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.18 min
 Lab File: BF098060.D
 Acq: 28 Aug 2017 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB101824BL

Tot Ion:198 Resp: 380
 Ion Ratio Lower Upper
 198 100
 51 136.2 53.2 93.2#
 105 194.9 45.8 85.8#

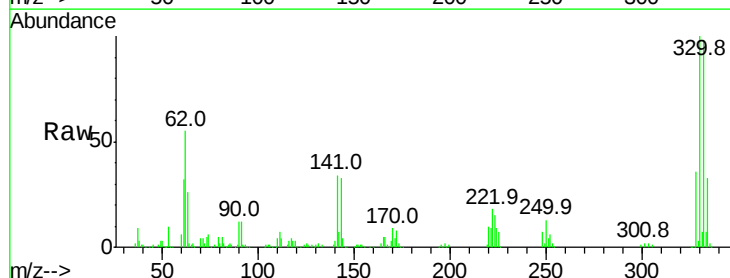


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

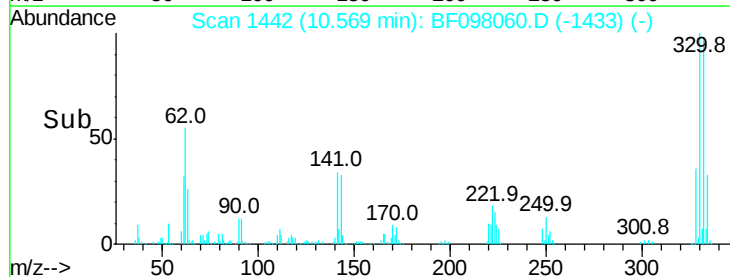
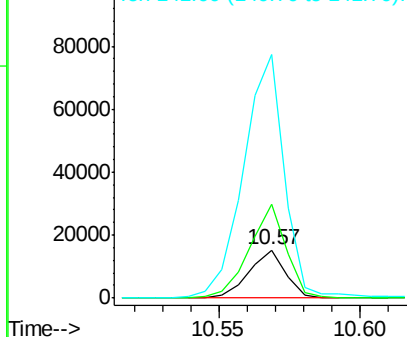


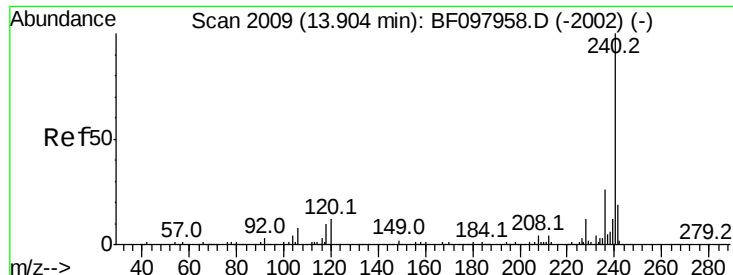
#66
 4-Bromophenyl-phenylether
 Concen: 4.129 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF098060.D
 Acq: 28 Aug 2017 11:17

Tgt Ion:248 Resp: 13564
 Ion Ratio Lower Upper
 248 100
 250 195.5 76.8 115.2#
 141 505.3 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098060.D

Acq: 28 Aug 2017 11:17

Instrument :

BNA_F

ClientSampleId :

PB101824BL

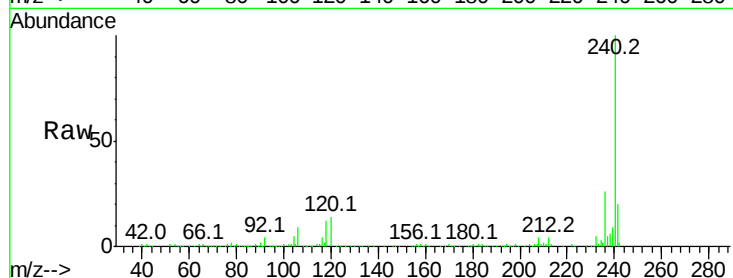
Tot Ion:240 Resp: 286178

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

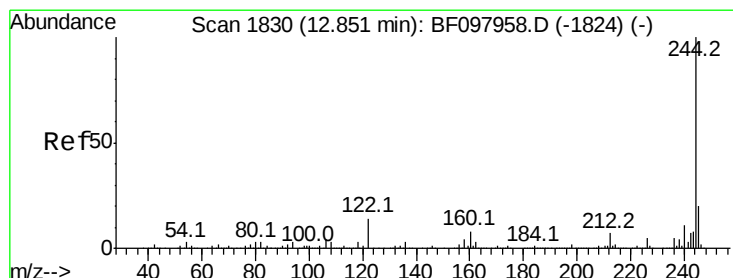
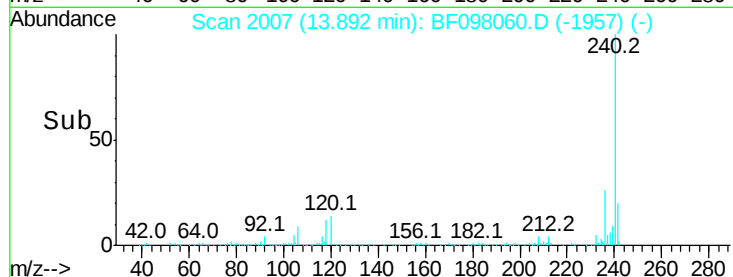
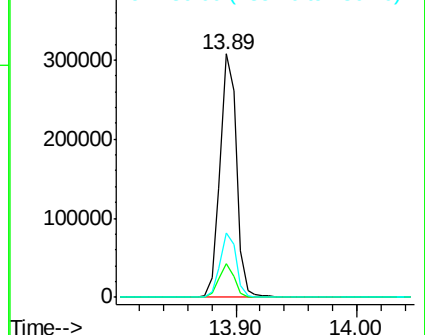
236 26.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 69.599 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF098060.D

Acq: 28 Aug 2017 11:17

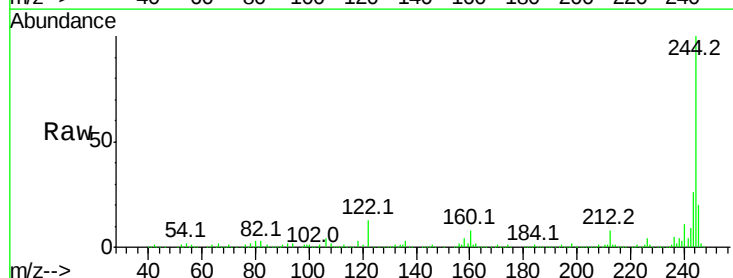
Tgt Ion:244 Resp: 955138

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

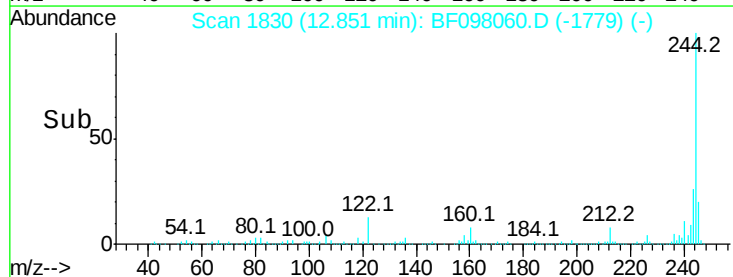
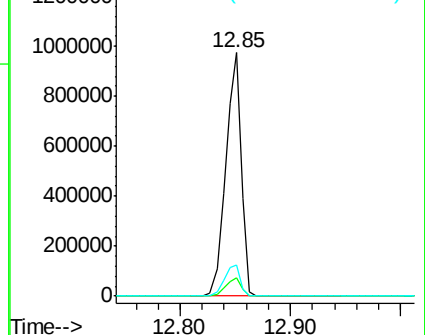
122 12.7 10.3 15.5

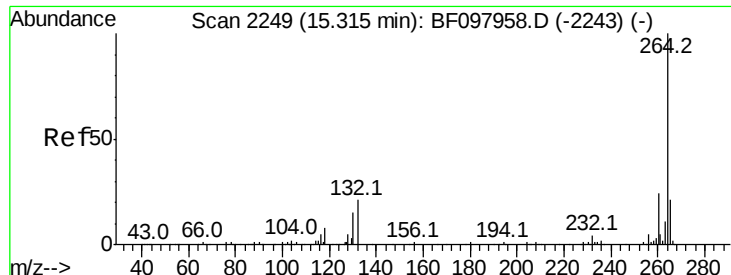


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

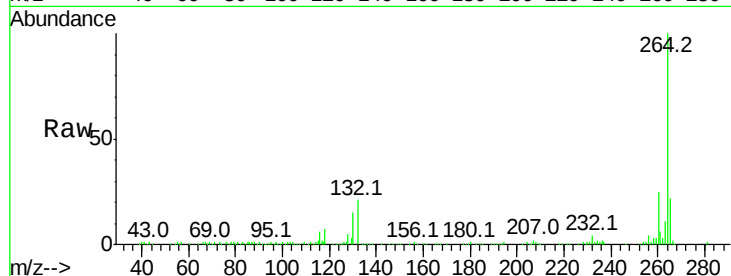




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF098060.D
 Acq: 28 Aug 2017 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB101824BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.0	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

